

I am an Extra Class licensee in the Amateur Radio Service and have had a 26+ year career in the land mobile two-way industry, designing and implementing voice and data systems state and local government, business, and transportation radio users in the land mobile radio services.

I have serious concerns about the potential incompatibility of proposed Broadband Over Power Line (BPL) systems versus existing radio-frequency spectrum authorized users.

The proposed new BPL systems will produce modulated digital signals in the frequency range of 2 - 80MHz, transmitted over existing power lines; such transmissions will unavoidably radiate beyond the lines, causing harmful and uncontrollable interference to existing licensed operations in the high frequency and very high frequency radio spectrum.

Potential victims of this interference include the television broadcast service, aeronautical radio service, international shortwave broadcast services, state/local/federal government users, the amateur radio service, and others.

Such interference would present clear and dangerous risks to the safety of life and property, to national security, and could even effect the performance and viability of the national power grid.

Such risks are not justifiable when weighed against the proposed use of the power grid to distribute wideband digital internet access. The power companies are energy providers, not internet service providers, and need to maintain their focus on providing the nation with energy. Where there is need for additional internet service and data bandwidth, such needs can better be provided by communications providers such as cable companies, telephone companies, and satellite providers.

I respectfully request that the Commission seriously consider these issues, and rule AGAINST the establishment of proposed Broadband Over Power Line (BPL) systems.

Sincerely,
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